FIG. 1

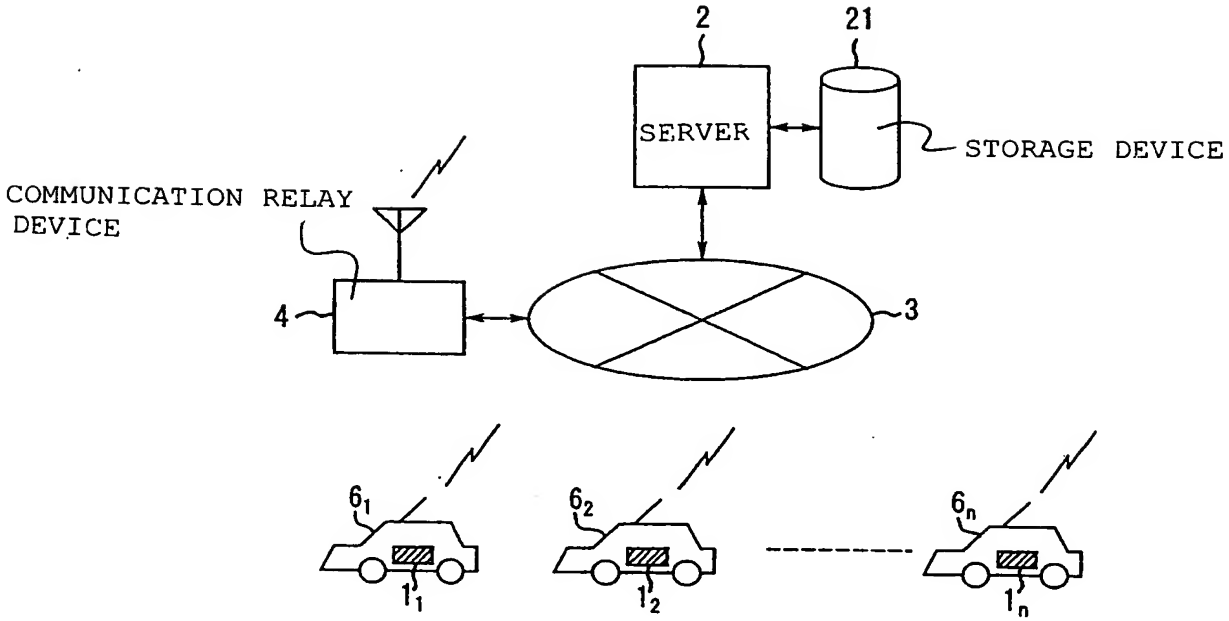

2
21
SERVER
STORAGE DEVICE
COMMUNICATION RELAY DEVICE
4
3
6_1
6_2
6_n
1_1
1_2
1_n

FIG. 2

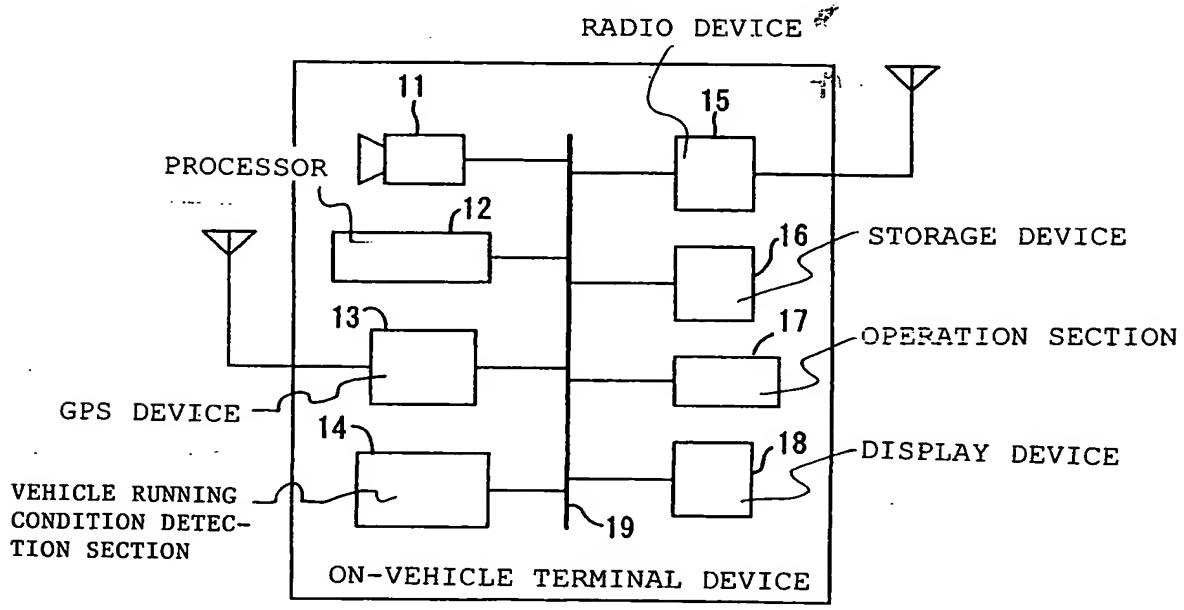
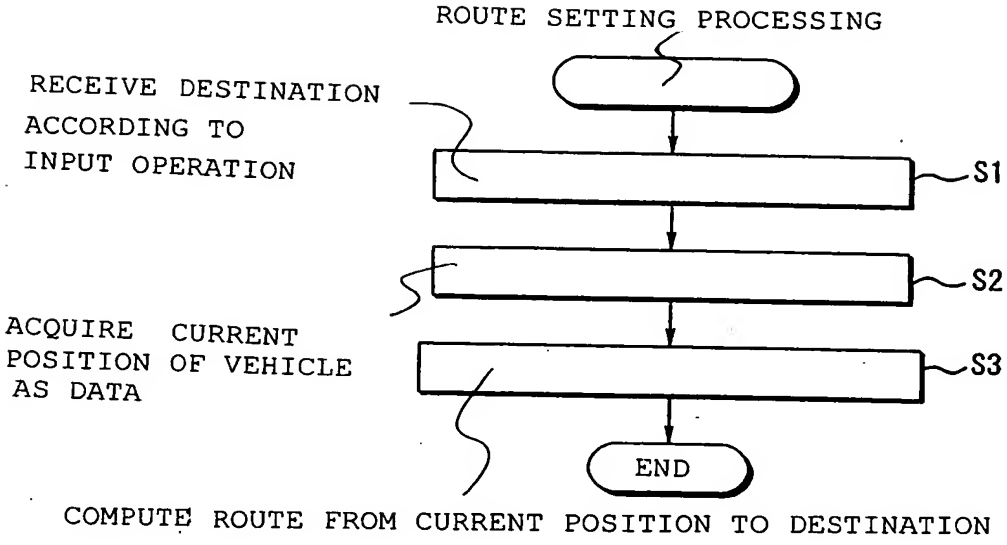
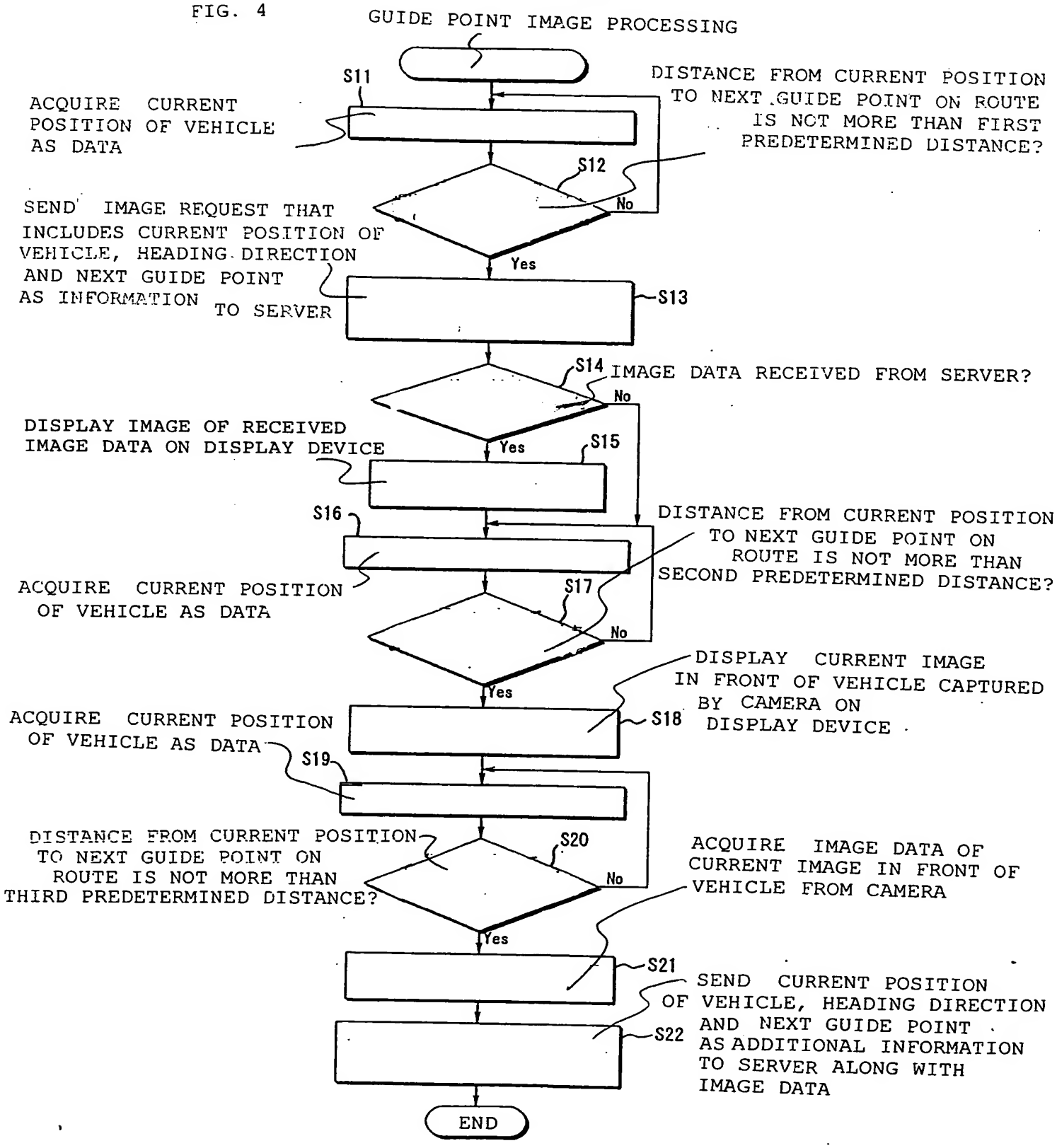

RADIO DEVICE
11
15
PROCESSOR
12
16
STORAGE DEVICE
13
17
OPERATION SECTION
GPS DEVICE
14
18
DISPLAY DEVICE
VEHICLE RUNNING CONDITION DETECTION SECTION
19
ON-VEHICLE TERMINAL DEVICE

FIG. 3


ROUTE SETTING PROCESSING
RECEIVE DESTINATION ACCORDING TO INPUT OPERATION
S1
S2
ACQUIRE CURRENT POSITION OF VEHICLE AS DATA
S3
END
COMPUTE ROUTE FROM CURRENT POSITION TO DESTINATION

BEST AVAILABLE COPY

FIG. 4



BEST AVAILABLE COPY

FIG. 5

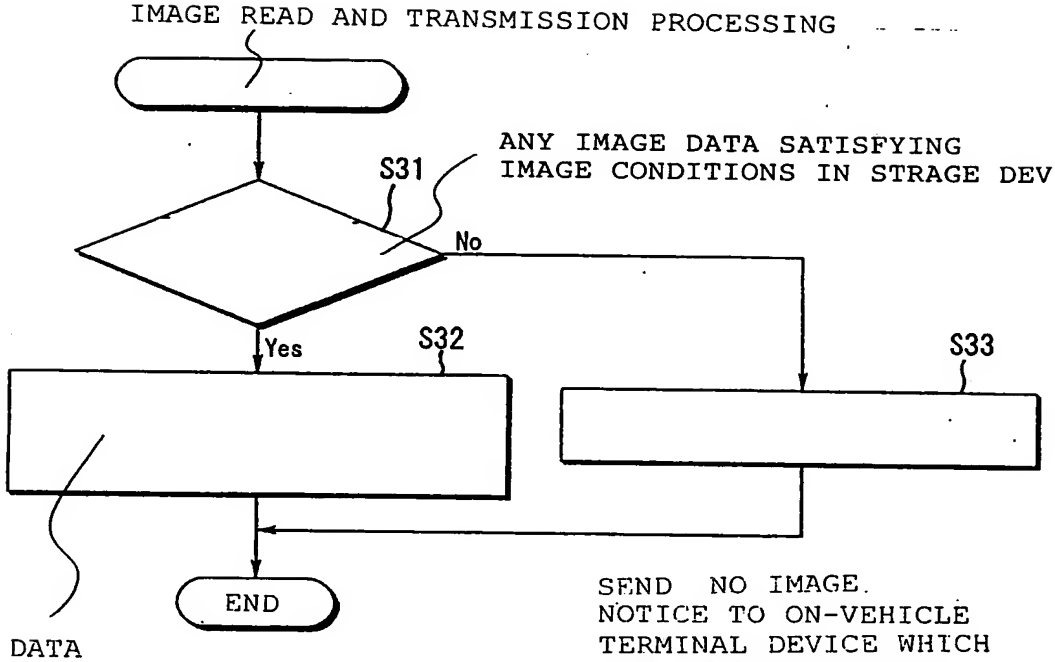


FIG. 6

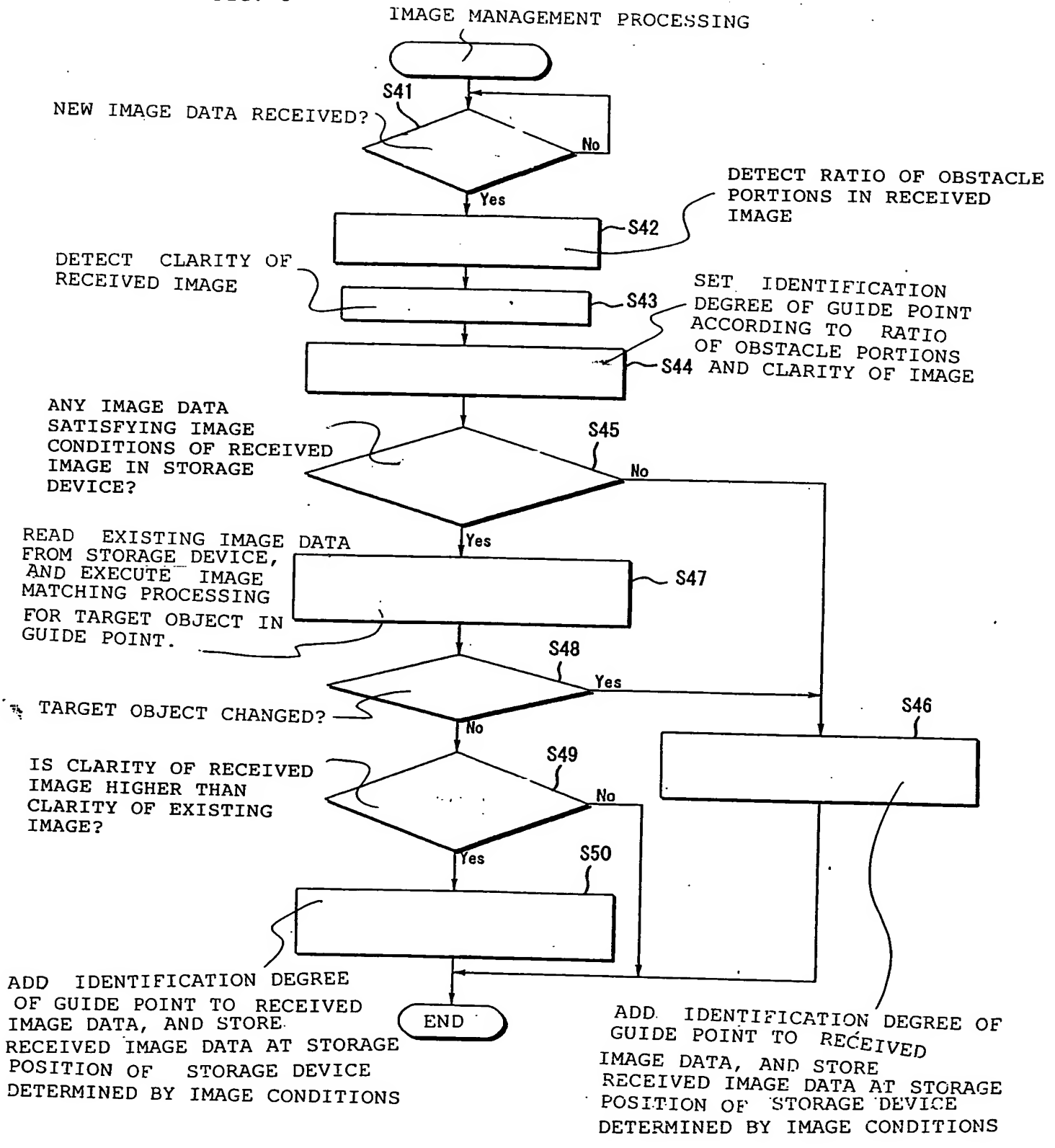


IMAGE MANAGEMENT PROCESSING
S41
NEW IMAGE DATA RECEIVED?
No
Yes
S42
DETECT RATIO OF OBSTACLE PORTIONS IN RECEIVED IMAGE
DETECT CLARITY OF RECEIVED IMAGE
S43
SET IDENTIFICATION DEGREE OF GUIDE POINT ACCORDING TO RATIO OF OBSTACLE PORTIONS AND CLARITY OF IMAGE
S44
ANY IMAGE DATA SATISFYING IMAGE CONDITIONS OF RECEIVED IMAGE IN STORAGE DEVICE?
S45
No
Yes
READ EXISTING IMAGE DATA FROM STORAGE DEVICE, AND EXECUTE IMAGE MATCHING PROCESSING FOR TARGET OBJECT IN GUIDE POINT.
S47
S48
Yes
TARGET OBJECT CHANGED?
No
S46
S49
IS CLARITY OF RECEIVED IMAGE HIGHER THAN CLARITY OF EXISTING IMAGE?
No
Yes
S50
ADD IDENTIFICATION DEGREE OF GUIDE POINT TO RECEIVED IMAGE DATA, AND STORE RECEIVED IMAGE DATA AT STORAGE POSITION OF STORAGE DEVICE DETERMINED BY IMAGE CONDITIONS
END
ADD IDENTIFICATION DEGREE OF GUIDE POINT TO RECEIVED IMAGE DATA, AND STORE RECEIVED IMAGE DATA AT STORAGE POSITION OF STORAGE DEVICE DETERMINED BY IMAGE CONDITIONS